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October 1964

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CENTRAL INTELLIGENCE AGENCY

PHOTOGRAPHIC INTELLIGENCE REPORT

ROSTOV AIRCRAFT ASSEMBLY PLANT NO 168 ROSTOV, USSR

25X

DECLASS REVIEW by NIMA/DOD

Published and Disseminated by

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

GROUP 1
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ROSTOV AIRCRAFT ASSEMBLY PLANT NO 168, ROSTOV, USSR

Rostov Aircraft Assembly Plant No 168 is located at 47-15-22N 39-43-12E in the northern suburbs of Rostov, USSR. The plant is adjacent to Rostov Airfield North and is served by both road and rail (Figure 1).

When observed on photography from , the assembly plant contained approximately 525,975 square feet of floorspace. A comparison of this photography with that from reveals additions amounting to approximately 566,375 square feet (Figures 2 and 3). The present total floorspace of the plant is approximately 1,092,350 square feet.

The additions since have been identified as a final checkout building (item 1, Figure 3 and Table 1), a hangar (item 3), a final assembly building (item 6), a workshop/machine shop (item 7), a workshop (item 10), 2 maintenance hangars (item 18), 3 administration/support buildings and a new wing on an existing building (item 11), a probable administration building (item 13), and 4 storage buildings (items 4, 12, and 17). The outer walls of the final assembly building (item 6) were evident in but its completion was probably delayed until after World War II. All of the additions were complete when the plant was next observed in except the workshop/machine shop (item 7). At that time construction of this building had just begun; it appeared to be complete in

Rostov Airfield North, which serves the plant as a test and flyaway field, has a sod

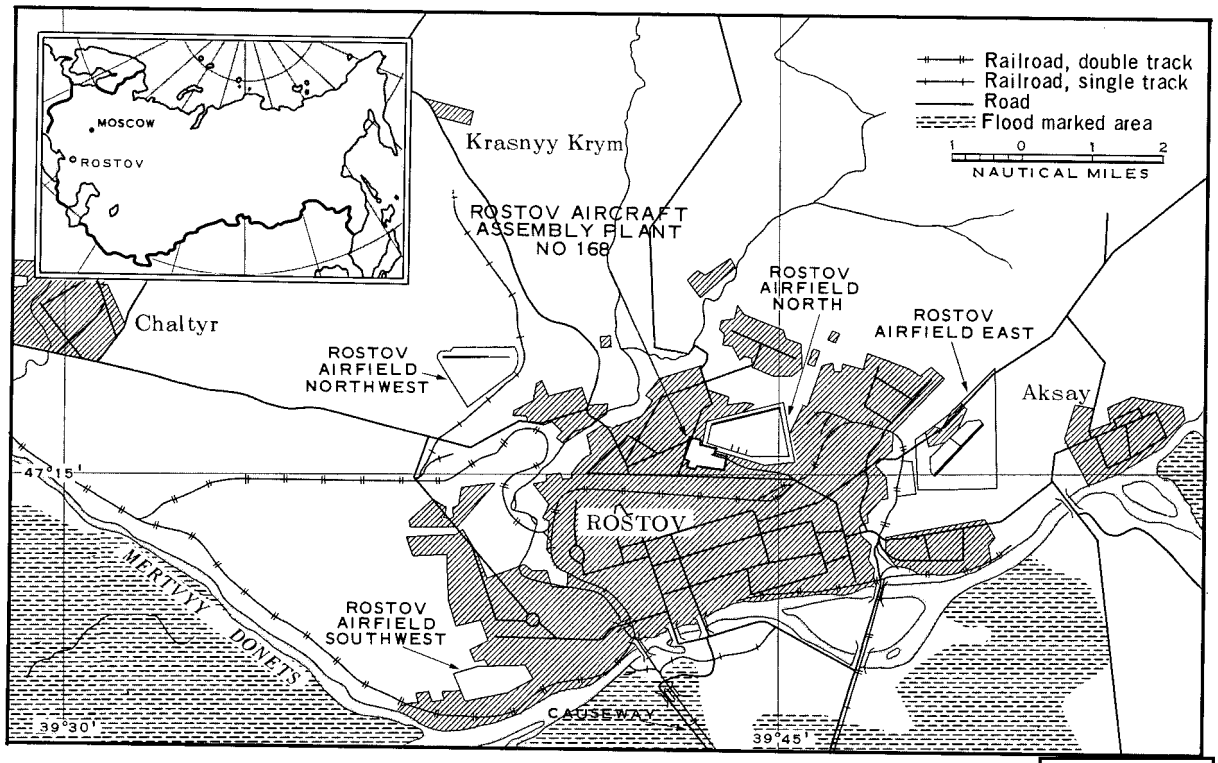

FIGURE 1. LOCATION MAP.

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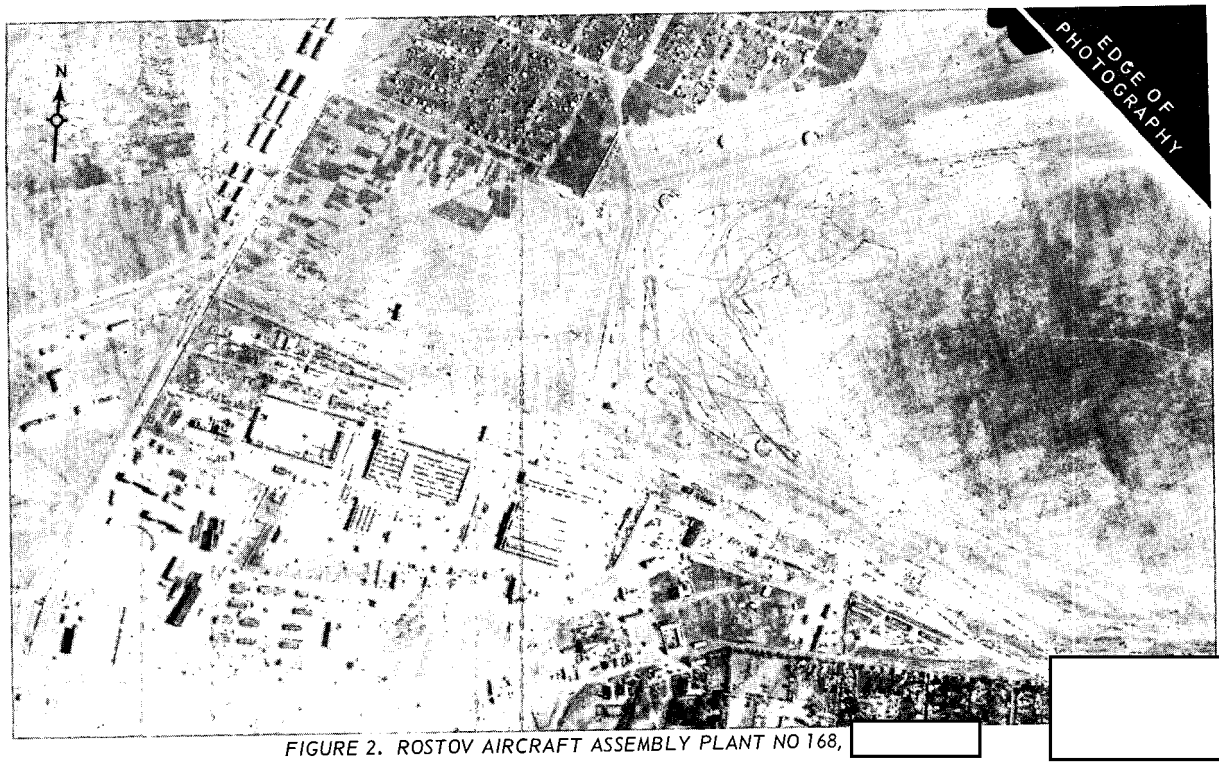

FIGURE 2. ROSTOV AIRCRAFT ASSEMBLY PLANT NO 168,

Table 1. Description of Facilities, Rostov Aircraft Assembly Plant No 168 (Items are keyed to Figure 3)

Item	Description/Function	Dimensions (ft)	Floorspace (sq ft)
1	Final checkout building	400 x 185	74,000
2	Control building	110 x 45	4,950
3	Hangar	95 x 75	7,125
4	Two storage buildings, one added since	145 x 55	7,975
		120 x 45	5,400
5	Boilerhouse	Irregular	5,900
6	Final assembly building	680 x 350 x 25-30h	238,000
7	Workshop/machine shop	460 x 380	174,800
8	Subassembly building	660 x 340 x	224,400
9	Workshop	240 x 165	39,600
10	Two workshops, one added since	170 x 45	7,650
		80 x 35	2,800
11	Administration and support area	Various	53,225
12	Storage building	130 x 60	7,800
13	Probable administration building	85 x 30	2,550
14	Workshop	430 x 340	146,200
15	Probable foundry	480 x 75	36,000
16	Workshop	260 x 115	29,900
17	Two storage buildings	175 x 60	10,500
		150 x 35	5,250
18	Two maintenance hangars	95 x 45	4,275
		90 x 45	4,050
19	Fueling area	--	--
	Total floorspace of plant		1,092,350

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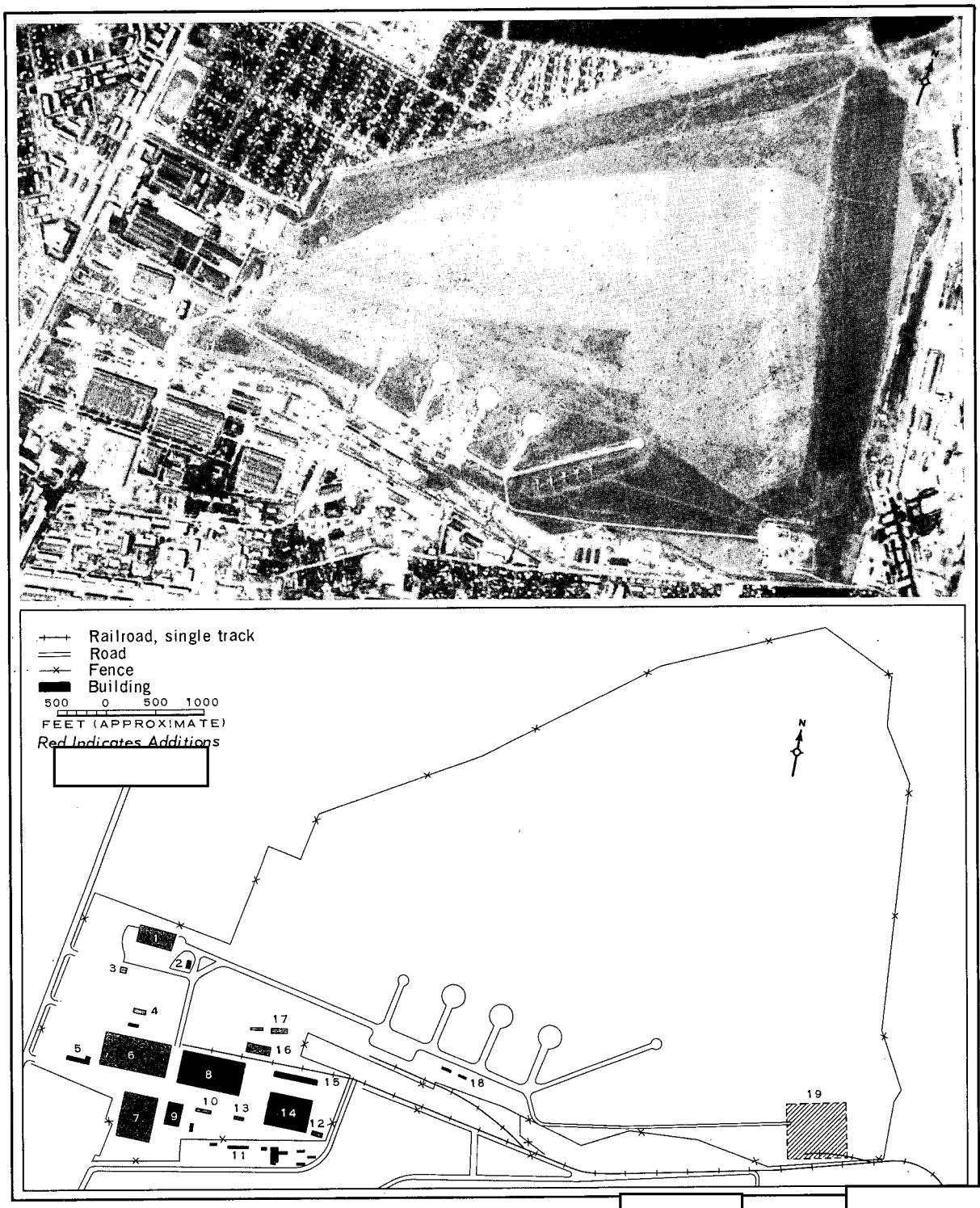

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FIGURE 3. AIRCRAFT ASSEMBLY PLANT IN

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FIGURE 4. AIRCRAFT ASSEMBLY PLANT IN

landing area measuring 6,000 by 4,000 feet and an east-northeast/west-southwest graded-earth runway measuring 4,500 by 170 feet. On photography from (Figure 4), there is evidence of early construction of a prepared-surface runway, 200 feet in width, to replace the older runway. Five helicopters, 2 probable helicopters, and 2 possible small straight-wing aircraft were observed at the airfield on

REFERENCES

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MAPS OR CHARTS

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REQUIREMENT

CIA. C-RR3-80,648

PROJECT

C-1388/63

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